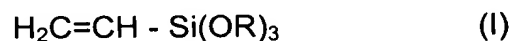


ABSTRACT OF THE DISCLOSURE

Fluid silico-acrylic compositions, stable in the long term, polymerizable thermally and by radiation, by mechanism giving rise to free radicals, with a very low water (less than 1%) and volatile solvent content, containing silica, a silane, and a multifunctional acrylic monomer, in which the silica is in the form of individualised particles with an average diameter with the range 9 and 100 nm, not interconnected by siloxane bonds, the silane is a vinyl silane with the formula (I)

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in which R represents a methyl or ethyl radical, and the multifunctional (meth)acrylic monomer is an alkoxyated (meth)acrylate, method for preparation and use for the development of anti-scratch transparent and uncoloured varnishes, obtained by polymerization giving rise to free radicals by radiation (UV, electron bundles) or thermally.

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